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| FORM PTO-1390<br>(REV. 2-2005)  |   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br>11005-029-999 |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>   |   |  |   |
| INTERNATIONAL APPLICATION NO.<br>PCT/KR2003/02089   | INTERNATIONAL FILING DATE<br>October 10, 2003 | PRIORITY DATE CLAIMED<br>October 10, 2002                  |   |
| TITLE OF INVENTION<br><b>DIGITAL AUDIO AMPLIFIER INCLUDING PHASE LEAD-LAG COMPENSATOR FOR INCREASING SELF-OSCILLATION FREQUENCY</b>   |   |  |   |
| APPLICANT(S) FOR DO/EO/US<br>Tae Ha RYOO and Byung Tak JANG   |   |  |   |
| Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:  |   |  |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The U.S. has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |  |   |
| Items 11. to 20. below concern document(s) or information included:   |   |  |   |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney by assignee.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter 2 and 37 CFR 1.821- 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Notice Informing the Applicant of the Communication of the International App. to the Designated Offices</li> </ol>   |   |  |   |

USPTO 11 APR 2005

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| US APPLICATION NO. (If known, see 37 CFR 1.5)   |              | INTERNATIONAL APPLICATION NO.  | ATTORNEY'S DOCKET NUMBER     |                               |
| To be assigned  |              | PCT/KR2003/02089   | 11005-029-999                |                               |
| 21. The following fees are submitted:   |              |  |                              |                               |
| <b>BASIC NATIONAL FEE:</b>  |              |  |                              |                               |
| <input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00<br><input checked="" type="checkbox"/> b) Examination fee .....<br>Was the International Preliminary Examination Report prepared by the USPTO and do all filed claims in this U.S. application satisfy provisions of PCT Article 33(1)-(4) (i.e., novelty, inventive step and industrial capability)? ....<br><input type="checkbox"/> i) Yes (\$100.00) ..... \$200.00<br><input checked="" type="checkbox"/> ii) No (\$200.00) .....<br><input checked="" type="checkbox"/> c) Search fee .....<br>Was the USPTO the International Searching Authority? .....<br><input type="checkbox"/> i) Yes (\$100.00).<br>ii) If no:<br><input checked="" type="checkbox"/> (a) An International Search Report will be provided to the USPTO on or before payment of the search fee. (\$400.00) .....<br><input type="checkbox"/> (b) No International Search Report will be provided to the USPTO. (\$500.00) .....<br><b>TOTAL OF CALCULATIONS =</b> \$ 900.00 |              |  |                              |                               |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing of computer programs listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |              |  |                              |                               |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number). | RATE                         |                               |
| 21 -100   | 0 /50        |  | x 250.00                     | \$0.00                        |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).   |              |  |                              |                               |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA   | RATE X                       |                               |
| Total Claims  | 8 - 20       | 0  | x \$50.00                    | \$0.00                        |
| Independent Claims  | 1 - 3        | 0  | x \$200.00                   | \$0.00                        |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |  | + 360.00                     | \$0.00                        |
| <b>TOTAL OF ABOVE CALCULATIONS=</b>   |              |  |                              | = \$ 900.00                   |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 50%  |              |  |                              |                               |
| <b>SUBTOTAL =</b>   |              |  |                              | = \$ 450.00                   |
| Surcharge of \$130.00 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |  |                              |                               |
| <b>TOTAL NATIONAL FEE</b>   |              |  |                              | = \$ 450.00                   |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 1 x \$40.00 per property   |              |  |                              |                               |
| <b>TOTAL FEES ENCLOSED</b>  |              |  |                              | = \$ 490.00                   |
|   |              |  |                              | <b>Amount to be refunded:</b> |
|   |              |  |                              | <b>charged:</b>               |
| a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> This is an estimate of the fees due. Please charge Deposit Account No. 50-3013 to cover the required fees. A copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3013. A copy of this sheet is enclosed.  |              |  |                              |                               |
| Note: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.   |              |  |                              |                               |
| 22. <input type="checkbox"/> Other instructions   |              |  |                              |                               |
| 23. <input checked="" type="checkbox"/> All correspondence for this application should be mailed to JONES DAY 20583   |              |  |                              |                               |
| 24. <input type="checkbox"/> All telephone inquiries should be made to  |              |  |                              |                               |
| For: Brian M. Rothery<br>By: Michael Fainberg<br>NAME   |              | SIGNATURE  | 35,340<br>50,441<br>REG. NO. | April 11, 2005<br>DATE        |